

## **PROFILE**

Name : **DR. K. I. VARAPRASAD REDDY**

Date of birth : 17<sup>th</sup> November, 1948

Educational Qualifications : Bachelor of Science from  
Sri Venkateswara University - 1967

Engineering Graduate (Electronics  
& Communication) from  
Andhra University - 1970

PG Diploma in Computer Sciences  
(Biblingen University,  
West Germany) - 1971

MBA from Osmania University - 1980

## **WORK EXPERIENCE:**

1972-77 - Worked as Research scientist for Defence Electronics Research Laboratories, Hyderabad.

1977-1985 - Worked in APIDC (Andhra Pradesh Industrial Development Corporation). During that period assisted in promoting number of industries and assisted entrepreneurs in their project implementation.

## **ENTREPRENEURSHIP:**

1985-1992 – Left Government service to become an Entrepreneur by joining Hyderabad Batteries Ltd. Co-promoted Sabnife Power Systems Limited, an Indo Swedish joint venture for development and production of High Technology based batteries for Defence applications – like Submarine batteries, MIG Air Craft batteries, etc.

## **SHANTHA BIOTECHNICS PVT LTD**

1992 – Promoted Shantha Biotechnics Private Limited with an objective of developing recombinant based vaccines and therapeutic proteins for human healthcare. The mission is to produce cost-effective drugs to reach the common man at an affordable price even while maintaining International standards in quality.

**SHANVAC-B** - India's first genetically engineered product “**SHANVAC-B**” vaccine against Hepatitis-B was developed through in-house R&D and commercially launched in the year 1997. This product did the country proud because of its high efficacy and low cost and won National Technology award in 1999.

**SHANFERON** - India's first indigenous recombinant “**Interferon Alpha-2b**” was launched in the market in 2002 under the brand name “**SHANFERON**”, a therapeutic drug for the treatment of various types of Cancer. This too won National Technology Award 2003 for efficacy and low cost.

**SHANKINASE**: Country's first indigenous recombinant ‘**Streptokinase**’. Launched in 2004. It is the primary drug for dissolving blood clots and used as a life saving drug in case of acute heart attacks and other conditions like deep vein thrombosis, arterial occlusions and pulmonary embolism.

**SHANPOIETIN**: Launched in 2005, this first indigenous recombinant Erythropoietin is useful to anemic patients since it helps rising hemoglobin levels and thereby improving the quality of life of patients suffering from chronic renal failure or HIV related anemia. It also helps cancer patients on chemotherapy, and those recovering from surgery.

**SHANTETRA**: Shantha developed fully indigenously the country's first combination vaccine of DTP + Hepatitis-B vaccines. It was commercially launched in 20<sup>th</sup> August, 2005. It was established as highly safe and immunogenic in the Multicentric Phase III trials.

**SHAN5**: Shantha developed indigenously the country's first combination vaccine of DPT+Hepatitis-B+Hib vaccines. It was commercially launched on 10<sup>th</sup> December, 2007. It was established as highly safe and immunogenic in large scale Phase-III clinical trial

## **SOCIETAL IMPACT**

- Next generation products at a cost affordable even to the common man of India.
- Saving Foreign exchange to the country
- Employment to nearly 600 people, most of them being scientists. Some of scientists are from abroad and this can be termed as reversal of brain drain.
- Shantha's successful development of recombinant products heralded bio-pharma revolution in India and the scientists/entrepreneurs are motivated to develop and produce life saving drugs indigenously.
- Existing pharma majors are enthused enough to add BT wing to their facilities.
- As a result, the prices have come down drastically offering a wide choice even to the poor.

## **AWARDS**

- **PADMA BHUSHAN – by Govt. of Indian in 2005**
- Ernst & Young – Entrepreneur of the Year, 2000 for healthcare and life-sciences
- SV University, Tirupati – Honorary Doctorate in 2005
- National Technology Award – for successful commercialization of Scientific Products – In 1999 for Shanvac-B and in 2003 for Shanferon
- DSIR – (Dept. of Scientific Industrial Research, Govt. of India) Award – for best R& D efforts in industry – In 1998 for Shanvac-B and in 2003 for Shanferon
- DBT – (Dept. of Biotechnology) Award – In 2005 for Shanpoietin
- FAPCCI- (Fedn., of AP Chambers of Commerce & Industry) Awards –
  - In 1986 as 'Best Exporter',
  - In 1999, for 'Best Marketing Efforts'
  - In 2004, 'Best New Product Innovation Award' for Shanferon
  - In 2005 'Best Technology Development in R&D' award for Shankinase
- Inst., of Public Enterprise – In 1998, 'Distinguished Entrepreneur' Award
- Hyd. Management Assn. – In 1980, Best Manager Award
- ATA (American Telugu Assn.) – In 1998, for Research in the field of Biotechnology
- State Bank of India – Pragna Bharati Puraskar in 2002
- Dr. Ramineni Foundation – Visishta Puraskar, 2000
- National Citizen's Overseas Award – 2000

- Madras University Award – In 1961, for standing University first in Telugu in SSLC exam.

### **Professional Membership**

- Fellow of Russian Academy of Sciences
- Paul Harris Fellow of Rotary Club International
- Member of A.P. Academy of Sciences
- Fellow of IETE
- Advisory Board Member of ICFAI
- Academic Council Member of ICFAI University
- Member of High Power Comm. Of Potti Sreeramulu Telugu University
- Research Advi. Committee Member of Share India (Medicity Hospitals)
- Member of ISB Society
- Advisory Member of Sri Padmavati Mahila Visvavidyalam
- Member of Dr. P.M.Bhargava Foundation
- Member of Institutional Ethical Committee of CCMB
- Executive Committee Member of CCMB
- Member of Research Council for Institute of Microbial Technology, Chandigarh
- Foreign Member of Russian Academy of Natural Sciences
- Intl. Adv. Panel on Ethics Guidelines for Plant Derived Vaccines of University of Guelph, Canada
- Member in Board of Genome Foundation
- Member of Working Group on Bio-business – National Biotech Policy
- Member of World Telugu Federation
- Permanent Invitee of the Committee of Administration of Council – PHARMEXIL
- Member of the Bhavan's Hyderabad Kendra Committee

### **Corporate Membership**

- Patron- ABLE
- Member of ASSOCHAM
- Member of CII
- Member of HMA
- Member of FAPCCI
- Member of AIBA
- Member of BCIL

- Life Member of Federation of Asian Biotech Associations
- Member of Indian Institute of Public Administration

## PERSONAL DETAILS

Major interests : Telugu Literature  
Carnatic Music – Veena

Family background : Born in Agricultural family in Papireddy Palem,  
Nellore District, Andhra Pradesh, India – only  
child to the parents.

Father – Late Venkata Ramana Reddy

Mother – Mrs. Shanthamma - good in oriental  
subjects. First Guru in every aspect of life.

Married in 1973.

Wife – Mrs. Vasantha – Housewife

Two daughters:

- Mrs. Sangeetha (b.1975)- Graduate in Genetics  
– Plays Veena. Married to Gautam Reddy in  
1996. Blessed with Twin daughters.

- Mrs. Sravanthi (b.1978) – Post Graduate in  
Business Management from Indian School of  
Business - Married to Sharath Reddy in 2000.  
Blessed with a son and daughter.